

91-282179/39	D25	HENK 09.03.90 DE 4007-601-A 09.03.90-DE-007601 (12.09 91) 801-02/20 B29b-09/06 C11d-01/72 C11d-03/10 C11d-11 Free flowing granular detergent prodn. - by extruding mixt. of detergent components and plasticiser and/or lubricant through bores in ceramic plate C01.122299	D(11-D3)
<p>A mixt. of at least partly solid detergent components with added plasticiser and/or lubricant is extracted under at least 25 bar pressure through concentric rows of bores (6) in a circular plate formed of ceramic.</p> <p>Each bore has an inlet zone (7) of length:dia. ratio from 1.5-6.0 and followed, after an intermediate sloped connection (9) angled at 20-85 (esp. 40-80)$^{\circ}$ by an outlet zone (8) of smaller dia. and with length:dia. ratio from 0.3-2.</p> <p>Extrusion temp. is 25-75 (esp. 30-70)$^{\circ}$C and the emerging strands are abruptly air-cooled during and/or before their immediate formation by a rotary cutter into small lengths of regular sized granulate.</p> <p>USE/ADVANTAGE For fabric washing processes. Granules are uniformly sized and free-flowing. (17pp1480DAHDwgNo9/11).</p>			

